

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1375	(split\$4 or seperat\$4) same (delay\$4 or shift\$4) same (scal\$4 or dilat\$4 or compress\$4 or weigh\$4) same (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:30
S3	102	(split\$4 or seperat\$4) with (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4) same (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:32
S4	549	(pair\$4 or doublet\$1) with (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4) same (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:49
S5	13	S3 and modem\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:32
S6	70	S2 and modem\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:48
S7	13	S4 and modem\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:36
S8	4635	(375/219,220,222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:05
S9	644	(pair\$4 or doublet\$1 or split\$4 or seperat\$4) with (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4) same (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:58

## EAST Search History

S10	2	S9 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 16:57
S11	44	S8 and (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4) with (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 17:05
S12	9	S8 and (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4 or expand\$4) near4 (tim\$3 or period\$1 or frequenc\$3) with (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 17:49
S13	138	(delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4 or expand\$4) near4 (tim\$3 or period\$1 or frequenc\$3) with (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4) same (transmi\$4 or antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 17:14
S14	3528	(375/140,141,142,144,146,147, 150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:06
S15	4	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 17:45
S18	59	(path\$1 or branch\$1) with (delay\$4 or shift\$4) with (scal\$4 or dilat\$4 or compress\$4 or weigh\$4 or expand\$4) near4 (tim\$3 or period\$1 or frequenc\$3) with (combin\$4 or adder\$1 or adding or summer\$1 or summation or subtract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/09 17:50

## EAST Search History

S21	313	(first or main) near2 (path\$1 or signal\$1 or sequence\$1) with second\$3 near2 (path\$1 or signal\$1 or sequence\$1) near6 (rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 11:22
S22	49	(first or main) near2 (path\$1 or signal\$1 or sequence\$1) with second\$3 near2 (path\$1 or signal\$1 or sequence\$1) near6 (rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different) with (delay\$4 or shift\$4) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:05
S23	162	(first or main) near2 (path\$1 or signal\$1 or sequence\$1) with second\$3 near2 (path\$1 or signal\$1 or sequence\$1) with (rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different) with (delay\$4 or shift\$4) same (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:04
S26	3534	(rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different or vary\$4 or variable\$1) with (delay\$4 or shift\$4) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:40
S27	8122	(375/140,141,142,144,146,147, 150,219,220,222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:19
S28	70	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 15:19

## EAST Search History

S29	119	(rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different or vary\$4 or variable\$1) with (delay\$4 or shift\$4 or off\$2set\$4) with (replica\$1 or cop\$3 or version\$1) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:07
S31	170	(rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (up\$2sampl\$4 or over\$2sampl\$4 or (over adj2 sampl\$4) or decimat\$4 or down\$2sampl\$4 or (down adj2 sampl\$4)) with (delay\$4 or shift\$4 or off\$2set\$4) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:41
S32	120	(rate\$1 or frequenc\$3 or period\$1 or tim\$3) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different or vary\$4 or variable\$1 or expand\$4) with (delay\$4 or shift\$4 or off\$2set\$4) with (replica\$1 or cop\$3 or version\$1) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:07
S37	30	(up\$2sampl\$4 or over\$2sampl\$4 or (over adj2 sampl\$4) or decimat\$4 or down\$2sampl\$4 or (down adj2 sampl\$4)) with (delay\$4 or shift\$4 or off\$2set\$4) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4) same (pair\$1 or doublet\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:43
S38	18	(rate\$1 or frequenc\$3 or period\$1 or tim\$3 or over) near2 (scal\$4 or dilat\$4 or compress\$4 or broad\$5 or different or vary\$4 or variable\$1 or expand\$4 or spread\$4) with (delay\$4 or shift\$4) with (adding or adder\$1 or sum\$5 or subtract\$4 or combin\$4) same (pair\$1 or doublet\$1) with antenna\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/13 17:43
S39	89	spread\$4 with delay\$4 same antenna\$1 with (space or spatial\$2) near3 (cod\$4 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:07

## EAST Search History

S41	38	spread\$4 with (space or spatial\$2) near3 (cod\$4 or diversity) with antenna\$1 near3 (transmi\$4 or emit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:34
S42	34	spread\$4 with delay\$4 with combin\$4 same (parallel or pair\$1 or doublet\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:36
S48	4	(combin\$4 or adder\$1 or adding or addition\$1 or summer\$1 or summ\$4 or subtract\$4) with pair\$1 near3 (multiple\$1 or plurality or different) same spread near2 spectrum\$1	USPAT	OR	OFF	2006/11/14 11:41
S49	191	(combin\$4 or adder\$1 or adding or addition\$1 or summer\$1 or summ\$4 or subtract\$4) with spread near2 spectrum\$1 with delay\$4	USPAT	OR	OFF	2006/11/14 13:45
S60	7	temporal\$2 near2 equali\$5 and spectral\$2 near2 equali\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/14 17:04
S63	16	equali\$5 with distribut\$4 near4 (energ\$3 or power\$1) near4 (evenly or uniformly)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/14 17:06
S72	25	receiv\$4 same (estimat\$4 or determin\$4) near4 angle\$1 near4 arrival\$1 same (peak\$1 or (impulse\$1 near2 response\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/15 15:25